

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A radio communication system comprising:

a plurality of base station apparatuses that each send a transmit power control command instructing an increase or decrease of transmit power; and

a plurality of communication terminal apparatuses that each control transmit power according to ~~said~~ a received transmit power control command,

wherein each of said communication terminal apparatuses ~~apparatus~~ comprises:

a reception section that receives ~~said~~ transmit power control ~~command~~ commands;

a selection section that selects a main base station apparatus having the best channel condition ~~up to/from the own apparatus~~ among the plurality of base station apparatuses based on a history of ~~said~~ received transmit power control commands; and

a transmission section that transmits a signal using an error coding scheme and a modulation scheme notified from the selected main base station apparatus, and

each of said base station ~~apparatus~~ apparatuses comprises:

an authorization section that authorizes the communication terminal apparatus having the maximum reception quality out of the communication terminal apparatuses which have selected the ~~own apparatus~~ said base station apparatus as the main base station apparatus to transmit a signal;

a determining section that determines an error coding scheme and modulation scheme used by the transmission authorized communication terminal apparatus authorized to transmit ~~a~~ the signal; and

a transmission section that transmits the determined error coding scheme and a modulation scheme to said transmission authorized communication terminal apparatus.

2. (Currently Amended) The radio communication system according to claim 1, wherein each of said communication terminal ~~apparatus~~ apparatuses further comprises a calculation section that calculates extra transmit power by subtracting ~~the~~ a transmit power determined according to said received transmit

power control command from the maximum transmittable transmit power, and

each of said base station ~~apparatus~~ apparatuses further comprises an estimation section that estimates reception quality ~~corresponding to said~~ for the authorized communication terminal apparatus using said extra transmit power.

3. (Currently Amended) A communication terminal apparatus comprising:

a reception section that receives transmit power control commands sent from a plurality of base station apparatuses;

a selection section that selects a main base station apparatus having the best channel condition ~~up to/from the own~~ apparatus among the plurality of base station apparatuses based on a history of ~~said~~ received transmit power control commands; and

a transmission section that transmits ~~base station selection information that notifies the selected main base station~~ apparatus a signal using an error coding scheme and a modulation scheme notified from the selected main base station apparatus.

4. (Currently Amended) The communication terminal apparatus according to claim 3, wherein said selection section

stores said received transmit power control commands for a predetermined time and selects a base station apparatus having the largest difference obtained by subtracting the number of transmit power control commands instructing an increase from the number of transmit power control commands instructing a decrease as the main base station apparatus.

5. (Currently Amended) The communication terminal apparatus according to claim 3, wherein said selection section stores said received transmit power control commands for a predetermined time and selects a base station apparatus having the largest proportion of the number of transmit power control commands instructing a decrease in the number of transmit power control commands stored as the main base station apparatus.

6. (Currently Amended) The communication terminal apparatus according to claim 3, further comprising:

a control section that determines transmit power according to said received transmit power control ~~command~~ commands; and

a calculation section that calculates extra transmit power by subtracting the determined transmit power from the maximum transmittable transmit power ~~transmittable from the own~~ apparatus.

7. (Currently Amended) A base station apparatus comprising:

a reception section that receives base station selection information sent by a communication terminal apparatus which notifies a main base station apparatus having the best channel condition ~~up to/from said communication terminal apparatus;~~

an authorization section that authorizes ~~the~~ a communication terminal apparatus having the maximum reception quality out of ~~the~~ a plurality of communication terminal apparatuses which have selected ~~the own apparatus~~ said base station apparatus as the main base station apparatus to transmit a signal;

a determining section that determines an error coding scheme and a modulation scheme used by the transmission authorized communication terminal apparatus which has been authorized to transmit ~~a~~ the signal; and

a transmission section that transmits the determined error coding scheme and modulation scheme to said transmission authorized communication terminal apparatus.

8. (Currently Amended) The base station apparatus according to claim 7, further comprising:

an estimation section that estimates reception quality ~~corresponding to~~ of said transmission authorized communication

terminal apparatus using extra transmit power obtained by subtracting actual transmit power from the maximum transmit power transmittable by said transmission authorized communication terminal apparatus, wherein

said determining section determines ~~an~~ the error coding scheme and modulation scheme according to the estimated reception quality.

9. (Currently Amended) The base station apparatus according to claim 8, wherein said determining section determines ~~an~~ the error coding scheme and modulation scheme according to the estimated reception quality and handover information indicating whether said transmission authorized communication terminal apparatus is in the process of soft handover or not.

10. (Currently Amended) The base station apparatus according to claim 8, wherein said determining section:

comprises a prediction section that predicts a variation of interference power using extra transmit power of ~~said a~~ communication terminal apparatus other than said transmission authorized communication terminal apparatus, and

determines ~~an~~ the error coding scheme and modulation scheme according to the estimated reception quality and the predicted variation of interference power.

11. (Currently Amended) A radio communication method used in a communication terminal apparatus, the method comprising:

~~a step of~~ receiving transmit power control commands transmitted from a plurality of base station apparatuses;

~~a step of~~ selecting a main base station apparatus having the best channel condition ~~up to/from said communication terminal apparatus~~ among the plurality of base station apparatuses based on the a history of ~~said~~ received transmit power control commands; and

~~a step of~~ transmitting base station selection information notifying the selected main base station apparatus a signal using an error coding scheme and a modulation scheme notified from the selected main base station apparatus.

12. (Currently Amended) A radio communication method used in a base station apparatus, the method comprising:

~~a step of~~ receiving base station selection information transmitted by a communication terminal apparatus which notifies

a main base station apparatus having the best channel condition
~~up to/from said communication terminal apparatus;~~

~~a step of~~ authorizing the communication terminal apparatus
having the maximum reception quality out of the communication
terminal apparatuses which have selected said base station
apparatus as the main base station apparatus to transmit a
signal;

~~a step of~~ determining an error coding scheme and a
modulation scheme used by the transmission authorized
communication terminal apparatus which has been authorized to
transmit ~~a~~ the signal; and

~~a step of~~ transmitting the determined error coding scheme
and modulation scheme to said transmission authorized
communication terminal apparatus.